

L 31302-66 EMT(1)W JK
ACC NR: AP6022590

(A,N)

SOURCE CODE: UR/0346/66/000/001/0106/0107

AUTHOR: Onufriyev, V. P.; Dudnikov, A. I.; Shvetsov, Yu. F.; Sobko, A. I.

24
E

ORG: All-Union Scientific Research Foot-and-Mouth Disease Institute (Vsesoyuznyy nauchno-issledovatel'skiy yashchurnyy institut)

TITLE: Determination of the type and variant of foot-and-mouth disease virus as the basis for specific prophylaxis

SOURCE: Veterinariya, no. 1, 1966, 106-107

TOPIC TAGS: foot and mouth disease, virus, immunity

ABSTRACT: The authors note the plurality of the foot-and-mouth disease virus and the resulting importance of early and accurate type and variant identification as an essential prerequisite for proper control measures. They support their case with citations of the non-Soviet literature, observing that this question had been insufficiently studied in the Soviet Union. They review the methods for type and variant identification. Since identification with the complement fixation test and cross infection of immune animals requires much work and time, they recommend that this work should be centralized in the USSR in regional centers. [JPRS]

SUB CODE: 06 / SUBJ DATE: none

Card 1/1 1C UDC: 619:616.988.43-097

0915

06.07

SOBKO, M.F., inzh.

The WD7-9 and WTD8-10 motor-driven rollers. Stroi. i dor.
mash. 7 no.8:27 Ag '62. (MIRA 15:9)
(Poland--Rollers (Earthwork))

Sobko, M.Ya.

Determination of halogens in organic substances. I.
Determination of chlorine, bromine, and iodine. P. N.
Fedoseev and M. Ya. Sobko (S. O. Makarov Shipyard
Inst., Nikolaev). Zhur. Anal. Khim. 10, 323-8 (1955). In
the proposed method halo-org. substances are burned at
800-900°, in a stream of 150-200 ml./min. of O₂ and without
catalyst. Between the combustion tube and adsorber is
inserted a thin tube charged with a fine cryst. substance.
The purpose of this tube-filter is to arrest and decom-
punes. The procedures for Cl, I, and Br⁻ are outlined.
By this method a number of org. compds. was analyzed with
an accuracy of ±0.1-0.2%. M. Hosch

SOBKU, M. Ya., Master Chem Sci— (miss) "New methods of the quantitative determination of chlorine, bromine and iodine content in organic matter." Moscow, 1956, 7 pp.
(AS USSR. Inst of Organic Chem im. N. D. Zelinskogo), 120 copies.
(KL, No 41, 1957, p. ¹⁰⁷ [redacted])

AUTHORS:

Fedorov, P. N., Sabko, M. Ya.

SOV/75-13-5-17/24

TITLE:

New Methods of Quantitative Determination of Halogens in
Organic Substances (Novyye metody klichestvennogo opredeleniya
galegenov v organiceskikh veshchestvakh) II. Gravimetric
Determination of Chlorine, Bromine and Iodine (II. Vesovyye
opredeleniya khloro, bromo i yoda)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1958, Vol 13, Nr 5, pp 595-598
(USSR)

ABSTRACT:

In a previous paper (Ref 1) the authors had described a new
quantitative volumetric method for the determination of chlorine,
bromine and iodine in organic compounds. In the present paper
a new gravimetric method of determination is described for each
of the above elements without use of silver salts. This new
method is based on the different chemical reactivity of the
halogens. The organic substance is decomposed according to one
of the methods described in literature, for instance by com-
bustion in oxygen- or air-stream. The gaseous products of
reaction which contain the free halogens and the hydrohalic
acids, are passed through 2 heatable tubes the first of which
is charged with fine crystalline potassium bromide and the

Card 1/4

SCV/75-13-5-17/24
New Methods of Quantitative Determination of Halogens in Organic Substances.
III. Gravimetric Determination of Chlorine, Bromine and Iodine

second with fine crystalline potassium iodide. In the first tube the bromide ions are oxidized by the free chlorine, in the second tube the free bromine oxidizes the iodide ions. In a third tube containing moist potassium iodide the separated iodine is quantitatively bound. This tube is connected with an apparatus according to Winkler (Winkler) which is filled with a 10% KJ solution to take up traces of iodine that are carried along by the oxygen stream. From the change of weight in the first two tubes the percentage content of chlorine and bromine of the initial substance is calculated. The content of iodine can be computed from the difference of the total amount of iodine which was condensed on the third tube and absorbed in the Winkler apparatus and of the amounts of chlorine and bromine, determined from the change of weight in the first two tubes. Thus, by one weighing of the organic compound at the same time chlorine, bromine and iodine can be separately determined. In a future paper the simultaneous quantitative determination of 2 or 3 halogens by one weighing of the organic substance will be described. A figure shows the installation used for the

Card 2/4

SOV/75-13-5-17/24

New Methods of Quantitative Determination of Halogens in Organic Substances.
III. Gravimetric Determination of Chlorine, Bromine and Iodine

described determination. In the experimental section the determination as well as the calculation of the percentage contents of the various halogens are described in detail. Also the results of some determinations performed according to this method are given. The method in question is simple and requires neither a complicated installation nor expensive reagents. The technique is neither complicated. The error of the determination does not exceed $\pm 0,1\% - 0,2\%$. The analysis takes 40 - 50 minutes. The determination of chlorine offers a simultaneous threefold control, the determination of bromine a double control of the accuracy of the analysis. Sulfur interferes with the determination.

There are 1 figure, 2 tables, and 4 references, 4 of which are Soviet.

ASSOCIATION: Nikolayevskiy korablenstroitel'nyy institut im. S. O. Makarova
(Nikolayev Ship-Building Institute imeni S. O. Makarov)

Card 3/4

5(3)

AUTHORS:

Fedoseyev, P. N., Sobko, M. Ya.

SOV/75-13-6-17/21

TITLE:

Method for the Quantitative Determination of Halogens in
Organic Substances (Metod kolichestvennogo opredeleniya
halogenov v organiceskikh veshchestvakh) Communication 3.
Simultaneous Separate Gravimetric Determinations of Chlorine,
Bromine and Iodine (Two and Three Elements Each) of a Weighed
Portion of the Substance (Soobshcheniye 3. Vesovyye
odnovremennyye razdel'nyye opredeleniya khlora, bromi i yoda
po dva i po tri elementa iz odnoy naveski veshchestva)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1953, Vol 13, Nr 6, pp 702-705
(USSR)

ABSTRACT:

The known methods for the simultaneous separate determination
of halogens are long and difficult to carry out (Ref 2).
A method is described in the present paper, basing on the less
reactive halogens displacing the more reactive ones from
potassium and sodium bromide and potassium iodide. At room
temperature and in the absence of water, this mutual
displacement of halogens does not take place. The authors
ascertained that the halogens capability of displacing one
another from their metallic salts rapidly increases with

Card 1/4

Method for the Quantitative Determination of Halogens SOV/75-15-6-17/21
in Organic Substances. Communication 3. Simultaneous Separate Gravimetric
Determination of Chlorine, Bromine and Iodine (Two and Three Elements Each)
of a Weighed Portion of the Substance

apparatus with a 10% potassium iodide solution is linked to them. After combustion is completed, the two absorption tubes are accurately weighed out. The contents of both the thin tube and the Winkler apparatus are shifted over to a flask quantitatively and are titrated with a sodium thiosulfate solution. The chlorine and bromine contents are calculated from the change in weight of the two absorption tubes and the iodine content results from titration of iodine separated in both the thin tube and the Winkler apparatus. By one filling of the absorption tubes it is possible to carry out 30-50 determinations, if the weighed portion of the sample amounts to 0.1-0.05 g. The absorption tubes consist of quartz or high-melting glass and are linked to each other by rubber tubes. The formula for the percentage calculation of chlorine, bromine, and iodine in all possible cases of the presence of 2 or all 3 elements each are given. This new method is simple,

Card 3/4

Method for the Quantitative Determination of Halogens SOV/75-13-6-17/21
in Organic Substances. Communication 3. Simultaneous Separate Gravimetric
Determination of Chlorine, Bromine and Iodine (Two and Three Elements Each)
of a Weighed Portion of the Substance

reliable, quick and accurate and does not require any
expensive or complex equipment. The determination error
amounts to 0.1 - 0.2 %. The analysis takes 50-60 minutes.
There are 1 figure, 1 table, and 2 Soviet references.

ASSOCIATION: Nikolayevskiy korablestroitel'nyy institut imeni S. O.
Makarova (Institute of Ship-Building imeni S. O. Makarov,
Nikolayev)

SUBMITTED: April 19, 1955

Card 4/4

5(3)

AUTHORS:

Fedoseyev, P. N., Sobko, M. Ya.

SOV/75-14-1-24/32

TITLE:

New Methods of Quantitative Determination of Halogens in
Organic Substances (Novyye metody kolichestvennogo
opredeleniya galogenov v organicheskikh veshchestvakh)

PERIODICAL:

Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 1, pp 118-122
(USSR)

ABSTRACT:

The existing methods for the quantitative separate determination of several halogens from a weighed-in portion of organic substance have a number of faults. The new method elaborated by the authors in the present paper permits simultaneous separate quantitative determination of two halogens (chlorine and bromine or chlorine and iodine) in organic substances which contain nitrogen. For the purpose of facilitating combustion of the substance chromium oxide was used as catalyst. It was found that 600 - 700° potassium bromide and sodium bromide do not react with nitrogen because the equilibrium of the reaction $2 \text{NO}_2 \rightleftharpoons 2 \text{NO} + \text{O}_2$ under these conditions tends considerably in the direction of the slowly reacting NO. When emerging from the heated absorption tube NO is, however, easily oxidized to NO_2 which reacts with moist

Card 1/3

New Methods of Quantitative Determination of
Halogens in Organic Substances

SOV/75-14-1-24/32

potassium iodide. Therefore, the authors used crystalline sodium carbonate and a solution of NaOH and perhydrol instead of potassium iodide for the removal of the mists formed by the decomposition of the halogen-containing substance and for the simultaneous absorption of halogens. Instead of sodium carbonate also sodium bisulfate can be used. Before titration with potassium thiocyanate, the nitric oxides must be removed by boiling the solution. In gravimetric determination of chlorine about 25 - 30 g bromide is necessary for filling the absorption tube. This quantity is sufficient for more than 50 determinations if the weighed-in portions amount to between 0.05 and 0.1 g. The success of the analysis depends on the maintenance of a constant temperature range in the absorption tube. The method described may serve for the analysis of organic substances containing both mobile and firmly bound halogen. It permits combustion of large weighed-in portions, by which the determination of small quantities of halogens is rendered possible. The error committed in determination amounts to \pm 0.1 - 0.3%. Gravimetric determination takes 50 - 60 minutes and titrimetric determination 20 - 30 minutes.

Card 2/3

New Methods of Quantitative Determination of
Halogens in Organic Substances

SOV/75-14-1-24/32

The apparatus used is shown in form of a schematical drawing and is described in this paper. The operational regulations for the simultaneous separate determination of chlorine and bromine as well as of chlorine and iodine in organic substances containing nitrogen as well as of such as contain nitrogen and sulfur are given in detail. There are 2 figures, 2 tables, and 3 references, 2 of which are Soviet.

ASSOCIATION: Nikolayevskiy korablestroitel'nyy institut im. S. O. Makarova
(Nikolayev Shipbuilding Institute imeni S. O. Makarov)

SUBMITTED: June 22, 1956

Card 3/3

SOBKO, M.Ya.; KOZAKOV, S.B., kand.khimicheskikh nauk

Mineral content of soil and endemic goiter. Vrach. delo no,5:
116-117 My '61. (MIRA 14:9)

1. Kafedra neorganicheskoy khimii (zav. - kand.khimicheskikh nauk
V.P.Gusyakov) L'vovskogo meditsinskogo instituta I Institut geologii
poleznykh iskopayemykh AN USSR.
(GOITER) (MINERALS IN SOIL)

SUBKO, M.Ya., dotsent; KAZAKOV, S.B.

Content of macro- and microelements in goiter-changed and
normal thyroid glands in the residents of L'vov Province.
(MIRA 16:9)
Vrach. delo no.6:124-125 Je'63.

1. Kafedra neorganicheskoy khimii (zav. - kand. med. nauk,
dotsent V.P.Gusyakov) L'vovskogo meditsinskogo instituta,
spektral'naya laboratoriya (zav. - S.B.Kazakov) Instituta
geologii i poleznikh iskopayemykh AN UkrSSR.
(LVOV PROVINCE--GOITER) MINERALS IN THE BODY)

SOKO, M.Ya.

Analysis of ferrocal tablets. Farmatsev, zhur. 18 no.4:
43-46 '63. (MIRA 17:7)

1. Kafedra neorganicheskoy khimii L'vovskogo meditsinskogo
instituta.

SOKO, M. Ya.

Iodination of salt for the people of Lvov Province and the
control of the quality of iodination. Vop. pit. 24 no. 6:
78-79 N-D '65 (MIRA 19:1)

1. Kafedra neorganicheskoy khimii L'vovskogo meditsinskogo
instituta.

GOLOVANOV, N., zasluzhenny master sporta; IVANOV, I., kapitan M.I. REN, I.;
DOBROKHOV, V.; SHIMANOV, N., general-polkovnik aviazii zapasa

Facts, events, people. Kryl. rod. 15 no.11.26-27 N 164.
(MIRA 18:3)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820006-2

BOOK 1, 1:1

copy of this Little Right. Poly. recd. 16 Oct 7:17 JI '65.
(SERIAL 12:8)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820006-2"

SOBKO, V.A., gornyy inzh.; SMIRNOV, V.N., gornyy inzh.; CHESNOKOV, N.I.,
gornyy inzh.

Using systems with large-scale caving for ores and enclosing
rocks subject to spontaneous combustion. Gor.zhur. no.7:
31-36 Jl '60. (MIRA 13:7)

(Mining engineering--Safety measures)
(Combustion, Spontaneous)

SOBKOV, V.A., gornyy inzh.; PEPELEV, G.I., gornyy inzh.; DOROSHENKO, V.M.,
gornyy inzh.; CHERNORUTSKIY, Ye.T., gornyy inzh.; NOVIKOV, K.P.,
kand. tekhn. nauk

Improved variation of the combined system of mining thick seams
of self-igniting ores. Gor. zhur. no.2:13-17 F'62.

(MIRA 17:2)

ACC NR: AP7004263

(N)

SOURCE CODE: UR/0432/66/000/003/0015/0017

AUTHOR: Sobko, V. S.

ORG: none

TITLE: Luminescent numerical display

SOURCE: Mekhanizatsiya i avtomatizatsiya upravleniya, no. 3, 1966, 15-17

TOPIC TAGS: display panel, numerical display, memory element,
computer componentABSTRACT: A new luminescent numerical display unit is proposed which can operate:
(a) as a follower device changing its reading every time when the least significant
digit changes and (b) as a memory device storing its last reading for any time.
A 7-sector luminescent figure excited by 7 (400 cps -- 10 kc) transistorized
oscillators can display any digit from 0 to 9. A principal circuit diagram of
oscillators and their counter control is explained. The "a"-type operation is ensured
by making the rate of display change equal to the rate of counter pulses. The
numerical display unit was tested for 120 hrs and exhibited stable operation.
Orig. art. has: 1 figure.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 005

Card 1/1

UDC: 621.317.7.085

KRAUS, Z.; SOBKOVÁ, M.

Atabrine in the treatment of lupus erythematosus. Cesk. derm. 28 no.4:
145-156 Apr 1953. (CIML 24:5)

1. Of the Dermato-Venereological Faculty of the Military Medical Academy
in Hradec Kralove.

SOKOVA, M.

Dermatovenerol. Klin. VLA v Hradci Králové. *Výsledky léčení příjice penicilinem na kůžní klinice v Hradci Králové. Results of penicillin treatment of syphilis at the skin clinic of Hradec Králové ČSI. DERM. 1953, 28/7 (292-303) Tables 1

A report of treating 410 patients with various stages of syphilis. There were 23 patients with primary syphilis, 124 with secondary syphilis, 4 with tertiary syphilis, 27 with neurosyphilis, 29 with congenital syphilis and 122 syphilitic pregnant women. Treatment with penicillin alone (1 to 4 courses of 3,600,000 - 4,800,000 U.) was compared with that combined with arsenic-bismuth. It was found that the combined treatment is more successful in all forms of syphilis and it can be recommended especially for the treatment of pregnant women.

Schwank - Prague

SC: EXCERPTA MEDICA, Sec. XIII, Vol. 9 No. 2, February 1955

L 8883-66

ACC NR: AP6001626

SOURCE CODE: P0/0046/65/010/001/0229/0231
28
B

AUTHOR: Sobkowska, Aleksandra--Sobkowska, A.

ORG: Department of Analytical Chemistry, Institute of Nuclear Research, Warsaw
(Instytut Badan Jadrowych, Zaklad Chemii Analitycznej)

TITLE: The influence of disproportionation reaction of U(V) ions on oscilopolarographic waves of U(VI) reduction and U(V) oxidation in organic acid solutions

SOURCE: Nukleonika, v.10,no.4, 1965, 229-237

TOPIC TAGS: uranium, oxidation, chemical reduction, solution property, organic solvent

ABSTRACT: The oscillographic waves measurements of $U(VI) \rightarrow U(V)$ reduction and $U(V) \rightarrow U(VI)$ oxidation in perchlorate and in presence of ascorbic, lactic, acetic, and tartaric acid solutions were carried out. These measurements were performed for various rate of potential change and pH in order to estimate the influence of U(V) disproportionation on the course of oscillographic waves. The oscilopolarographic measurements were carried out at the Institute of Geochemistry and Analytic Chemistry im. V.I. Vernadskiy, AN SSSR, Moscow. The author expresses thanks to Dr. S.I. Siniako 3 figures, 4 formulas, 5 tables. [NA]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 020 / Sov Ref: 008

Card 1/1 rds

POLAND / Chemical Technology. Fermentation Industry. H
Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75466.

Author : Yanitsky, Sobkovskaya, Antkovyak, Pavlovsky,
Mazur.

Inst : Not given.
Title : The Study on Accelerating the Aging of Alco-
holic Beverages.

Orig Pub: Przem. spozywczy. 1958, 12, No 5, 184-188.

Abstract: It was established that UV light speed up the aging of apple wine distillates by a 36 minute exposure to UV source at a distance of 21 cm., and that of rhubarb wine by a 24 minute exposure to UV source at a distance of 10.5 cm. The samples which were subjected to UV exposure with a simultaneous aeration possessed the

Card 1/2

L 58809-65 EWT(m)/EPF(c)/EPF(n)-2 Pr-4/Pu-4 GG

ACCESSION NR: AP5015690

UR/0076/65/039/006/1388/1392
541/15

27

25

B

AUTHOR: Sobkovskiy, Ye.; Zalkind, Ts. I.

TITLE: Oxidation of tetravalent uranium ions in perchloric acid solution under the influence of Gamma radiation from cobalt-60

SOURCE: Zhurnal fizicheskoy khimii, v. 39, no. 6, 1965, 1388-1392

TOPIC TAGS: uranium radiochemical oxidation, perchloric acid, Gamma ray, amperometric titration

ABSTRACT: An electrochemical study of the oxidation of uranium (IV) perchlorate in aqueous perchloric acid irradiated with δ rays was carried out. Changes in the concentrations of U(VI) and U(V) were determined amperometrically at the potentials of the dropping mercury electrode (-0.3 and 0.3 V). These potentials correspond to the limiting reduction and oxidation currents of these ions. A linear relationship was found between the time of irradiation and the amount of U(VI) formed. The oxidation yield of U(IV) ions and its dependence on the concentration of U(IV) and perchlorate ions were determined. It was shown that the presence of ClO_4^- ions increases the oxidation yield of U(IV). The rate of radiochemical oxidation of U(V) ions was found to be 100-150 times greater than that of U(IV) ions. Finally, the disproportionation

Card 1/2

L 58809-65

ACCESSION NR: AP5015690

2

constant of U(V) ions in 0.04 N perchloric acid was also determined. "In conclusion, the authors thank Prof. V.I. Veselovskiy for suggesting the topic and for interest in this work." Orig. art. has: 4 figures, 3 tables, and 9 formulas.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical Institute)

SUBMITTED: 27Jan64

ENCL: 00

SUB CODE: IC, NP

NO REF SOV: 012

OTHER: 004

Card 2/2 *slap*

POL.

621.822.5 : 670.5

3135

Sobkowiak J., Dobrucki W. Plastic Rolling Mill Bearings.
"Edzynka" walcownicze z tworzyw plastycznych. Przegląd Mechaniczny, No. 11, 1953, pp. 394-399, 13 figs, 1 tab.

The role and importance of using plastic bearings in rolling mills as a means of effecting substantial savings both in non-ferrous metals and alloys and in operating costs. The authors deal with the chief phenolic plastics (textollite, textobakelite, lignofoil) used in the manufacture of rolling mill bearings, and with such properties of these bearings as coefficient of friction, durability, power consumption, shape and size of bushes, and bearing construction. Service and maintenance instructions for plastic bearings.

gg gg

COBANIKI, J.

Plastic Bearings in Rolling Mills

Source - PRZEGAZ MACHINOWY (Mechanical Engineering Review) Poland
Vol. XII, No. 1 October 1953, pp. 369 - 370

SO BKOWIAK, J.

3003
Sibkowiak J., Dobrucki W. Progress in Designing Rolling Mill Boxes. 621.944 : 621.82
"Postęp w budowie klatek walcowniczych". Przegląd Mechaniczny. MN
No. 7, 1954, pp. 208-211, No. 8, 1954, pp. 253-255, 15 figs.

A description of progress made in the design of rolling mill boxes by means of which plastic formation of metal is obtained by rolling. Two lines of development are distinguished in this description: 1) progress in the design of the box component parts and 2) advance in the way in which the rolls are arranged in a box. The up-to-date design of the roll mounting in the bearings, as well as the design of the bearings themselves, is considered in the first chapter. In the second, the modern crushing duo-rolls machines of large roll stroke (blooming-slubbing) are discussed, together with boxes of vertical rolls, and boxes of special design for small goods rolling mills and wire drawing mills. As regards up-to-date multi-roll machinery, Quarto-rolls and Sędzimir rolling mill are described.

D
MET
①

SOBKOWIAK, Lucjan, inż.

Radio communication in underground mining. Przegl gorn 12
roj 7/8 450-459 Jl-Ag '62.

SOBKOWICZ, Gustaw

Laboratory evaluation of the suitability of defective molasses in
the alcohol making industry. Przemysl fermentacyjny 6 no.3:70-72
Mr '62.

I. Katedra Technologii Rolnej, Wyższa Szkoła Rolnicza, Wrocław.

IWANCUK, I.; WOLOWSKA, J.; SOBKOWICZ, H. (Warszawa)

Effect of invasive diseases on the nervous system in school children. Wiadomosci parazyty., Warsz. 2 no.5 Suppl:123-124. 1956.

1. Zaklad Parazytologii Lekarskiej PZH i Centralna Poradnia
Miedzyszkołna M.Z.

(NERVOUS SYSTEM, in various diseases,
helminthiases in child. (Pol))

(HELMINTH INFECTIONS, physiology,
nervous system in child. (Pol))

EXCERPTA MEDICA Sec 8 Vol 12/1 Neurology Jan 59

406. A CASE OF OLLOMA WITH NEUROLOGICAL SYMPTOMS - Przypadek gatunkowej z objawami neurologicznymi - Sobkowicz H. Klin. Chorób Nerv. A.M., Warszawa - NEUROL, NEUROCHIR, PSYCHIAT. POL. 1957, 7, 3 (415-423) Graphs 1 Tables 1 Illas. 1

POI., 1957, 7, 3 (415-423) Graphs 1 Tables 1-11as. 1
 Description of numerous small tumours appearing on the extremities of a 31-year-old patient, which by biopsic examination, proved to be paraffinomas (lipogranuloma sclerotica). These tumours first developed at the injection sites of oily solutions of camphor and penicillin, administered to the patient for a gunshot trauma of the thorax and an abscess of the lung which appeared later. The number of the small tumours increased successively and some metastases appeared. There was numbness and weakness in the extremities. Hyporeflexia was found in the upper extremities and hyperesthesia in the left extremities. Under the influence of ACTH treatment there was a normalization of the albumin and lipid blood serum fractions. X-ray irradiation brought about a decrease in the size of the tumours. It is considered in this case, that there was a systemic disturbance of the metabolism of lipoid tissues. The neurological symptoms were caused by the pressure on the nerve trunks.

Herman - Łódź (VIII, 6, 9, 16)

WOLOWSKA, Jadwiga; IWANSZUK, Irena; SOBKOWICZ, Hanna

Effect of invasive diseases on the nervous system in children. Pediat.
nolska 33 no.8:909-923 Aug 58.

l. z Miedzyszkolnej Przychodni Lekarskiej Nr 1 w Warszawie Kierownik:
dr K. Sokal i z Zakladu Parazytologii Lekarskiej PZH w Warszawie Kierownik:
doc. dr M. Janicki. Adres: Warszawa, ul. Orechowska 1.

(PARASITIC DISEASES, in inf. & child
intestinal, with NS manifest. (Pol))

(INTESTINES, dis.
parasitic, with NS manifest. in child. (Pol))

(NERVOUS SYSTEM, in various dis.
intestinal parasitic dis. in child. (Pol))

EMERYK, Barbara; SOBKOWICZ, Hanna

Paroxysmal blindness of epileptic origin. Neur. &c. polska
9 no.3:341-348 Je-Jl '59.

1. Z Kliniki Neurologicznej A.M. w Warszawie p.o. Kierownika
Kliniki: prof. dr I. Hausmanowa-Petrusewicz.
(EPILEPSY compl)
(BLINDNESS etiol)

RAFALOWSKA, Janina; SOBKOWICZ, Hanna

Neurological syndromes during the course of pulmonary cancer.
Neur. &c. polska 10 no.1:61-71 Ja-F '60.

1.Z Kliniki Neurologicznej A.M. w Warszawie, p.o. kierownika:
prof. dr med. I. Hausmanowa-Petrusewicz.
(LUNG NEOPLASMS compl.)
(NEUROLOGICAL MANIFESTATIONS)

SOBKOWICZ, Hanna; WARECKA, Krystyna; ZUK, Tomasz

Attempted ambulatory rehabilitation of school-age children with cerebral paralysis. Neur.&c.polska 10 no.6:809-820 '60.

l. Z Miedzyszkolnej Przychodni Lekarskiej w Warszawie, Kierownik: dr K. Sokal. Z Kliniki Neurologicznej A.M. w Warszawie p.o. Kierownika: Prof. dr I.Hausmanowa-Petrusewicz. Z Kliniki Ortopedycznej A.M. w Warszawie, Kierownik: prof. A.Gruca.
(CEREBRAL PALSY rehabil)

SOBKOWICZ, Hanna

A case of bronchogenic cancer with difficult to diagnose neurological complications. Neur. &c.polska 10 no.6:857-859 '60.

l. Z Kliniki Neurologicznej A.M. w Warszawie, Kierownik: prof.
dr med. I.Hausmanowa-Petrusewicz.
(NEUROLOGICAL MANIFESTATIONS)
(CARCINOMA BRONCHOGENIC compl)

EMERYK, Barbara; SOBKOWICZ, Hanna

On the problem of difficulties in the classification of heredo-familial diseases. *Neurol. etc., polska* 11 no.3:321-326 '61.
Neurol. etc., polska 11 no.3:321-326 '61.

1. Z Kliniki Neurolologicznej AM w Warszawie Kierownik: prof. dr med.
I. Hausmanowa-Petrusewicz.
(NEUROLOGY genetics)

SOBKOWICZ, Hanna; ZUK, Tomasz

Influence of Flexin upon the spasmodicity in the course of infantile cerebral paralysis. Neurol neurochir psych 12 no.1:55-62 Ja-F '62.

1. Dzial Profilaktyki, Wojewodzka Przychodnia Higieny Szkolnej, Warszawa, Kierownik: dr. med. K. Sokal; Klinika Neurologiczna, Akademia Medyczna, Warszawa, Kierownik: prof. dr med. I. Hausmanowa-Petrusewicz; Klinika Ortopedyczna, Akademia Medyczna, Warszawa, Kierownik: prof. dr A. Gruca.

SOBKOWICZ, Hanna; ZUK, Tomasz

Effect of Flexin on spasticity in infantile cerebral palsy. *Neurolog. neurochir. Psychiat.* pol. 12 no.1:55-62 '62.

1. Dział Profilaktyki Wojewódzkiej Przychodni Higieny Szkolnej w Warszawie Kierownik: dr med. K. Sokal Klinika Neurologiczna AM w Warszawie Kierownik: prof. dr med. I. Hausmanowa-Petrusewicz Klinika Ortopedyczna AM w Warszawie Kierownik: prof. dr med. A. Gruca.

(ZOXAZOLAMINE ther) (CEREBRAL PALSY ther)

JEDRZEJOWSKA, Hanna; SOBKOWICZ, Hanna; MERZ, Marian

Apropos of an atypical case of Hallervorden-Spatz disease. Neurol.
neurochir. psychiat. pol. 12 no.6:829-837 '62.

l. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr med.
I. Hausmanowa-Petrusewicz i z Kliniki Okulistycznej AM w Warszawie
Kierownik: prof. dr med. S. Altenberger.
(MOVEMENT DISORDERS) (FUNDUS OCULI)

HAUSMANOWA-PETRUSEWICZ, Irena; EMERYK, Barbara; SOBKOWICZ, Hanna;
WASOWICZ, Barbara; TUR, Jadwiga

Electromyographic studies in lead poisoning. Pol. tyg. lek. 17 no.36:
1405-1408 3 S '62.

1. Z Kliniki Neurologicznej AM w Warszawie; kierownik: prof. dr med.
Irena Hausmanowa-Petrusewicz i I Kliniki Chorob Wewnętrznych, Oddział
Chorob Zawodowych AM w Warszawie; kierownik: prof. dr med. Andrzej
Biernacki.

(LEAD POISONING) (ELECTROMYOGRAPHY)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820006-2

SOBKOWICZ, Hanna; JEDRZEJOWSKA, Hanna

On the clinical uniformity of cases from the amaurotic familial idiocy group. Pediat. Pol. 37 no.3:307-313 '62.

(ANAUROTIC FAMILIAL IDIOCY)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820006-2"

PROT, Janina; SOBKOWICZ, Hanna

An infantile form of metachromatic leukodystrophy. Neurol.
neurochir. Psychiat. pol. 13 no.3:339-345 '63.

l. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof.
dr med. I. Hausmanowa-Petrusewicz.
(CHILD) (CEREBRAL SCLEROSIS, DIFFUSE)

FALKOWSKA, Zofia; SOBKOWICZ, Hanna; TUR, Jadwiga

A case of chronic plumbism with changes in the central nervous system and the visual organ. Pol. tyg. lek. 19 no.1:12-15
1 Ja'64

1. Z Kliniki Ocznej AM w Warszawie (kierownik: prof.dr.med. W.H.Melanowski); z Kliniki Chorob Nerwowych AM w Warszawie (kierownik: prof.dr.med. I.Hausmanowa-Petrusewicz) i z I Kliniki Chorob Wewnetrznych AM w Warszawie (kierownik: prof.dr. med. A.Bielacki [deceased]) oraz Oddzial Chorob Zawodowych (kierownik: dr.med. M.Weber).

*

STEFANKO, Stanislaw; IWANOWSKI, Lech; RAFALOWSKA, Janina; SOBKOWICZ, Hanna

Apropos of circulatory disorders in the area of so-called "last-frontier" of the thalamus. Neurol., neurochir., psychiat. Pol.
15 no.1:25-30 Ja-F'65.

1. Z Kliniki Neurologicznej Akademii Medycznej w Krakowie (Kierownik: prof. dr. W. Jakimowicz) i z Kliniki Neurologicznej Akademii Medycznej w Warszawie (Kierownik: prof.dr. I. Hausmanowa-Petrusewicz).

7

Polarographic determination of lead in ascorbic acid solution. Wanda Czarnecka and Aleksandra Sobkowska (Zaklad Anal. Inst. B. i Dan. Jadrowych PAN, Warsaw). *Chem. Anal.*, 3, 601-4 (1958) (English summary). — Pb can be detn. in amts. from 0.001 to 0.0001 g./l. in an ascorbic acid soln. (cf. Lingane, *C.A.*, 38, 2285; Erdey and Polos, *C.A.*, 51, 7942a). Dissolve a sample contg. 10 mg. Pb in the usual way. In presence of ions affecting detn., ppt. Pb with H_2SO_4 or with chromate from a neutral soln. and dissolve the PbSO_4 in AcONH_4 or PbCrO_4 in HNO_3 . Dil. the soln. obtained with water to 10 ml. Take 1-6 ml. of soln., contg. from 0.001 to 0.0001 g. Pb/l., add 1 g. ascorbic acid, dil. with water to 7-8 ml., adjust the pH to 4 or 5 (for solns. contg. Cu^{++}) with NH_3 , add 2 drops of 0.05% gelatin, and dil. with water to 10 ml. Det. the Pb polarographically (the half-wave potential for Pb was 0.42 v. vs. a satd. calomel electrode at pH 4). When the concn. of Pb is large, add more gelatin. In presence of Cu^{++} , let soln. stand for 1 hr. after adjusting the pH to 5. This method was proved by using standard Pb solns.; the error was within $\pm 4\%$. The sensitivity of the method makes it possible to det. Pb in concns. of the order of 10^{-4} g./l. The method was used to det. Pb in presence of Fe^{+++} , Cu^{++} , Cd^{++} , Ti^{++} , Sn^{++} , Sn^{4+} , and UO_4^{--} . The detn. was not affected by Cd^{++} , NO_3^- , tartrates, or CrO_4^{2-} . Z. Kowalewski

5
2 May,

SOBKOWSKA, Aleksandra

Polarographic determination of bismuth in ascorbic acid medium.
Chem anal 7 no.5:959-963 '62.

1. Department of Analytical Chemistry, Institute of Nuclear Research
Polish Academy of Sciences, Warsaw.

S/081/62/000/024/024/073
B117/B186

AUTHORS: Sobkowska, Aleksandra, Minczewski, Jerzy

TITLE: Potentiometric determination of the stability constants of complexes of vanadyl with ascorbic acid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1962, 167,
abstract 24V42 (Roczn. chem., v. 36, no. 1, 1962, 17-26
[Pol.; summaries in Russ. and Eng.])

TEXT: Stepformation constants of the complex formation of vanadyl with ascorbic acid were determined according to potentiometric data using the method of calculation described earlier (Ahrland S. Acta chem. scand., 1949, 3, 374): $\beta_1 = 150 \text{ C}^{-1}$, $\beta_2 = 450 \text{ C}^{-2}$ and $\beta_3 = \approx 25,000 \text{ C}^{-3}$.
[Abstracter's note: Complete translation.]

Card 1/1

L 9746 -66 EPF(r)-2/EWP(t)/EWP(b) IJP(c) JPAW/JG
ACC NR: AP6001420 SOURCE CODE: P0/0046/65/010/005/0311/0320

AUTHOR: Sobkowska, Aleksandra--Sobkowska, A.; Minczewski, Jerzy--Minchevski, J. 17
(S)

ORG: Department of Analytical Chemistry, Institute of Nuclear Research, Warsaw

TITLE: The kinetics of U(V) ions disproportionation in organic acid solutions

SOURCE: Nukleonika, v. 10, no. 5, 1965, 311-320

TOPIC TAGS: solution property, ion, uranium, chemical reaction kinetics, organic solvent

ABSTRACT: The kinetics of the disproportionation of U(V) ions in presence of organic acids was investigated. It was established that the rate of this reaction depends on the nature of the organic acid, its concentration, and the concentration of hydrogen ions. The results were confirmed qualitatively by polarographic measurements. Orig. art. has: 4 figures, 6 formulas, 4 tables. [NA]

SUB CODE: 07,18 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 012
SOV REF: 001

(S)
Card 1/1

Z

COUNTRY : POLAND
 CATEGORY : Chemical Technology. Chemical Products and Their Applications. Fermentation Industry.
 ABS. JOURN. : Przeglad Chemii, No 19, 1959, No. 694500
 AUTHOR : Janicki, J.; Sadowski, T.; Antoniuk, J.; Majer, G.
 CREG. PUB. : Roczn. Wyzaz. Akad. Roln., Warszawa, 1959, Part III, Stanowisko, 1959, No. 195-196; 197-206; 207-224
 ABSTRACT : I. Review of present day literature.
 II. The ultraviolet irradiation of distilled water and their influence on the concentration of acetone. The heat results were obtained from infrared and Raman spectra.
 Accelerated Aging of Glycerin by Ultraviolet Irradiation. III. Development of Certain Physical and Physico-Chemical Methods in the Accelerated Aging of Alcohol.
 Janicki, J. - Part I. Janicki, J.; Sadowski, T.; Majer, G.; Pawlak, J.; - Part II. Janicki, J.; Sadowski, T.; Majer, G.; Pawlak, J.; - Part III. Janicki, J.; Sadowski, T.; Majer, G.
 Card: 1/3

ABSTRACT : obtained with the simultaneous aeration. The reduction of distance from the irradiation source (from 21 cm to 10.5 cm) was beneficial. Chemical conversion of acetone was effected by the irradiation in that its density increased together with the content of water, aldehydes, ketones and higher alcohols. The ultraviolet irradiation did not cause any changes in the mixed esterates. The employment of supersonic vibrations had positive effect on aging of the alcohol. Good results were obtained when high frequency waves
 2/3

H = 120
 ABSTRACT : (not f = 600 keV) were used for synthesis of polyesters. In the irradiation each polymer obtained (PVA + HCHO) was compared with the one of reference. It was observed that a marked difference in irradiation time the ester content was observed. An increase in
 Card:

Card: 3/3

JANICKI, Joseph, prof. (Poznan); SOBKOWSKA, E.(Poznan); WIERZBOWSKI, J.(Poznan)

Ultraviolet rays:germicidal effect, disinfection of air, fruits,
granular materials, etc. Acta chimica Hung 23 no.1/4:483-501 '60.
(EEAI 10:9)

1. Department of Agricultural Technology, College of Agriculture,
Poznan, Poland.

(Ultraviolet rays) (Molds(Botany)) (Air) (Fruit)
(Granular substances) (Polymers and polymerization)
(Yeast) (Bacteria)

KARLINSKI, M., mgr inz.; SOBOCINSKI, E., mgr inz.

Aluminum alloys used for parts of compressors of gas turbine engines. Techn lotn 18 no.7:176-182 Jl '63.

1. Instytut Mechaniki Precyzyjnej, Warszawa.

Sobkowiak, T.

Author: Sobkowiak

B-12

Pub. Date: 1951, No. 3, 1951, 1951

Author: Mine, J. and Sobkowiak, J.

Title: Not given

Title: The Effect of Solvation on the Activation Energy of Hydrogen Ion Discharges in Organic Solvents

Orig. Pub: Roczn. Chem., 1951, Vol 30, No 1, 351-352 (in Polish with a summary in English)

Abstract: The hydrogen overvoltage at an Hg-electrode has been measured at 19.7-
20.0° in 0.1N HCl solutions in ethanol, methanol, and water, using
current densities i of 10^{-5} - 2×10^{-3} amp/cm 2 . The activation energy
for hydrogen ion discharges in these solutions, calculated by a pre-
viously proposed formula (J. O'M. Bockris et al, Trans. Far. Soc.,
1951, 45, 706), is 1°, 19.6, and 21.4 kcal/gm-ion, respectively,
at 20°.

Card #: 101

-7-

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820006-2

Re: The following document, held at the "Ministry of Information on the Arabic Language" in Cairo, Egypt, was received in printed format, "مكتبة مصرية", Vol 3, No 1, January, 1970. It is titled "The First of December: The Victory of the Armed Forces over Terrorism, 1970".

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651820006-2"

MINC, S.; SOBKOWSKI, J.

Activation heat of the hydrogen-ion discharge on the mercury
electrode in aqueous and alcoholic HCl-solutions. Bul Ac Pol chim
7 no.1:29-36 '59. (EEAI 9:7)

1. Zaklad Elektrochemii Uniwersytetu Warszawskiego. Vorgelegt
von M.Smialowski.

(Ions) (Hydrogen) (Ethyl alcohol)
(Electrodes, Mercury) (Water) (Alcohols)
(Methanol) (Hydrochloric acid) (Propyl alcohol)

SOBKOWSKI, Jarzy; MINC, Stefan

The apparent molal volume of HCl in nonaqueous solutions. Rocznik chemii
35 no.4:1127-1130 '61.

1. Department of Electrochemistry, University, Warsaw.

SOBKOWSKI, Jerzy

Kinetics of oxidation of ferrous ions by hydrogen peroxide in perchloric, sulfuric and phosphoric acid solutions. Rocznika chemii 36 no.10:1503-1510 '62.

1. Department of Physical Chemistry, University, Warsaw.

POLAND

Wojciech Janczak, Lawrence, and the Department of Physical Chemistry, University (State) of Solid State Engineering, Warsaw, Poland.

"The Kinetics of Oxidation of Quadrivalent Uranium Ions by Hydrogen Peroxide in Perchloric and Sulphuric Acid Solutions."

Journal, Polish Acad. Sci., Vol. 27, N° 9, 1979, pp 1019-1024.

Abstract: This short article, gives the kinetics of the oxidation of the uranium quadrivalent ion in acid solutions by hydrogen peroxide. The rate constants, activation energies and dependency decrease of uranium quadrivalent ion oxidation by hydrogen peroxide in sulphuric and perchloric acid solutions have been determined. Particular attention was paid to the influence of anions on kinetics of the oxidation of U^{IV} ions. The results of our experiments are discussed. For example, including one Polish, 2 American, and 7 German.

1/1

L 33009-66 EWP(t)/ETI IJP(c) JD/WW/JG
ACC NR: AP6024166 SOURCE CODE: PO/0046/65/010/012/0747/0752

AUTHOR: Minc, Stefan--Mints, S.; Sobkowski, Jerzy--Sobkovski, Ye.; Stok, Miroslawa

ORG: Department of Physical Chemistry, Warsaw University, Warsaw

TITLE: Kinetics of the reaction of oxidation of U(IV) ions by Fe(III) ions in
sulfuric acid solutions

SOURCE: Nukleonika, v. 10, no. 12, 1965, 747-752

TOPIC TAGS: sulfuric acid, oxidation, uranium, iron, ion concentration, thermal
effect, reaction rate, chemical kinetics

ABSTRACT: Measurements of the course of the reaction between U(IV) and Fe(III) ions
were carried out. The reaction rate rose as the sulfate ion concentration was
increased and hydrogen ion concentration decreased. The temperature effect was also
investigated. Orig. art. has: 2 figures and 3 tables. [Orig. art. in Eng.] [NA]

SUB CODE: 07 / SUBM DATE: 06Oct65 / ORIG REF: 003 / OTH REF: 006

Card 1/1 plz

09/13 1756

L 05310-67

ACC NR: AP7000217

(N)

SOURCE CODE: FO/0099/66/040/002/0271/0280

29
3

SOBKOWSKI, J., of the Department of Physical Chemistry, University (Katedra Chemii Fizycznej Uniwersytetu) Warsaw.

"Rate of Oxidation of Tetravalent Uranium Ions with Molecular Oxygen"

Warsaw, Roczniki Chemii, Vol 40, No 2, 1966, pp 271 - 280

Abstract (Author's English abstract): The course of the oxidation reaction of U(IV) ions with molecular oxygen was investigated in relation to hydrogen ion concentration, presence of sulphate ions, illumination, and temperature.

The author thanks L. Debicka for carrying out part of the experimental research. Orig. art. has: 4 figures 12 formulas and 5 tables. UPRS: 36,0027

TOPIC TAGS: oxidation, uranium, reaction rate

SUB CODE: 07 / SUBM DATE: 25 May 65 / ORIG REF: 001 / OTH REF: 014
SOV REF: 001

KH

Card 1/1

2923 07527

Effect of motor activity on conditioned reflex functions in the rat.

Effect of the motor activity on conditioned reflex functions in the rat. Acta physiol. Pol. 15 no.1;67-77 Ja-F '64.

I. z Zakladu Fizjologii Pracy Akademii Medycznej w Warszawie
(Kierownik: doc. dr J. Litwin).

L 39598-66 T/EWF(t)/EMI IMP(c) JE/DJ/JD

ACC NR: AT6018304 (N) SOURCE CODE: P0/2540/65/013/03-/0086/0092 44

AUTHOR: Sobocinski, Edward -- Sobotsin'ski, E.

B+1

ORG: none

TITLE: Effect of heat treatment on the heat resistance of Al-Cu-Mg-Ni
cast alloysSOURCE: Warsaw. Instytut Mechaniki Precyzyjnej. Prace, v. 13,
no. 3/4(49/50), 1965, 86-92TOPIC TAGS: aluminum base alloy, cast alloy, copper alloy, magnesium
alloy, nickel alloy, ~~stabilizing anneal~~, HEAT RESISTANCE, METAL HEAT
TREATMENT, TENSILE STRENGTH, HARDNESS, CREEP, ANNEALINGABSTRACT: The effect of heat treatment on the heat resistance of
aluminum cast alloy has been investigated. Al-Cu-Mg-Ni cast alloys
are characterized by high heat resistance. The effects of various
types of heat treatment on the AlCu5, 3Mgl, 2Ni2W alloy at 350C has
been determined, and the tensile strength, hardness, and creep have
been compared. The effect of the holding duration of stabilizing
anneal on the changes in the above properties has been analyzed. It

Card 1/2

UDC: 620.172.251.224:669.715

L 39899-66

ACC NR: AT6018304

has been determined that in short-terms tests as the stabilizing anneal period grows longer, the hardening effect achieved by the heat treatment gradually levels off. Orig. art. has: 9 figures and 3 tables. [Based on author's abstract] [NT]

SUB CODE: 11/ ORIG REF: 003/ SOV REF: 004/ OTH REF: 002/

ns
Card 2/2

SOBOCINSKI, J.

Fuses for transformers.

P. 101 (WIADOMOSCI ELEKTROTECHNICZNE) (Warsaw, Poland) Vol 17, no.4, Apr. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958.

SOBOCINSKI, Józef, inż., WASIAK, Marek

Electromechanical filter units for high and low bands. Prace
inst teletechn 8 no.3:109-112 '64.

1. Submitted June 1964.

SOBOCINSKI, Jozef, inz.; WASIAK, Marek

Method of tuning an electromechanical filter utilizing
torsional vibrations. Prace Inst teletechm 7 no.3:124-127 '63

Sobociński A.

Sobociński A., Eng. "Production Capacity of a Mine with Regard to the Washery Efficiency." (Zdolność wydobywacza kopalni względem płuczki). Fundusz Techniczny, No. 6, 1950, pp. 315-320, 2 tabs.

Contributions to working out the methodology of the technical plan of a colliery in relation to washeries. The extraction capacity of a mine is to be calculated in relation to the efficiency of a given jig and to the share in the daily output to be washed and cleaned in this jig. Calculations should be made separately for every jig. The lowest value of calculated production capacity of a mine with regard to the jig and to the coal size gives the production capacity of a mine with regards to the washery. By using symbols explained at the beginning of the paper the production capacity of a mine in relation to washery can be expressed by a formula.

SO: Polish Technical Abstracts - No. ?, 1951

Poland / Farm animals. cattle.

4-2

Abstr Jour: Ref Zhur-Biol., No 12, 1958, 54732.

Author : Sobociński, Marian.

Inst : Not given.

Title : An Unusual Development of the Rostriform Bone
in the Cow.

Orig Pub: Folia morphol., 1957, 8, No 1, 41-46.

Abstract: No abstract.

Card 1/1

17

Gas turbine engines...

S/262/62/000/010/004/024
I007/I207

the General Motors gas-turbine unit built in 1956. The unit had a rotating heat exchanger (20-30 rpm) and a double combustion-chamber. The recent model of this company, GT-305, built in 1959 was equipped with a two-rotor ring-shaped heat exchanger (30 rpm) having an efficiency of 78%. The specific fuel consumption of this unit (at rated output) was 250 g/hp. The Ford 704 gas-turbine unit has 3 turbines, one two-stage compressor a two-stage combustion chamber and a recuperative heat exchanger. Recent gas turbine models seem to be perfectly suitable for mobile units at capacity of 200-300 hp. The best of these models showed a specific fuel consumption of 250 kg/hp. hr and had the following efficiency values: compressor 78%, turbine 84%, and heat exchanger 92%. There are 31 references.

[Abstracter's note: Complete translation.]

Card 2/2

CERNACEK, J.; SOBOCKY, L.

Experimental evaluation of the function of the cerebral cortex in hysterical anesthesia. Bratisl. lek. listy 34 no.6:585-602 June 54.

l. Z Neurologickej kliniky LFSU v Bratislave, prednosta clen korespondent SAV J. Cernacek.

(HYSTERIA

hysterical anesth., funct. of cerebral cortex)

(CEREBRAL CORTEX, in various diseases

hysterical anesth., funct.)

L.
POSPISILOVA, V., SOBOCKY, L.

Reflex therapy of trigeminal neuralgia. Bratisl.lek.listy 35 no.7:
408-415 15 Apr 55.

1. Z Neurologickej kliniky LFUK, prednosta clen korespondent SAV
J. Cernacek.

(TRIGEMINAL NEURALGIA, therapy,
reflex ther. with subcutaneous inject, of distilled
water)

(WATER,
distilled, ther., reflex, subcutaneous inject in tri-
geminal neuralgia)

CZECHOSLOVAKIA/Zooparasitology - Parasitic Protozoa.

G

Abs Jour : Ref Zhur Biol., No 1, 1959, 928

Author : Bohmova, L., Catar, G., Ujazy-Kralikova, D., Sobocky, L.

1st

Title : "Meiogo-Encephalitis Presumably of Toxoplasmosis Etiology"

Orig Pub : Bratisl. lekar. listy, 1958, 1, No 5, 306-308

Abstract : No abstract.

Card 1/1

Soboczyński A.
EXCERPTA MEDICA Sec 7 Vol 13/5 Pediatrics May 59

1050. ANTIBIOTICS IN THE TREATMENT OF LARYNGEAL PAPILLOMAS IN CHILDREN - Znaczenie antybiotyków w leczeniu broadawczaków krtani u dzieci - Soboczyński A., Klin. Otolaryngol. A. M., Poznań - OTO-LARYNG. POL. 1958, 12/2 (139-149)

The author discusses the pathoiology, aetiology, clinical symptoms and present methods of treatment of laryngeal papillomas in children. In view of the viral aetiology besides a simultaneous surgical treatment, antibiotics (chlortetracycline, tetracycline and oxytetracycline) were applied in 16 cases of laryngeal papillomas in children. In 9 cases recovery was obtained with an observation period from 3 to 21 months; 5 cases were qualified to a group with satisfactory result, and in 2 cases no improvement was obtained.
(XI, 5, 7, 16)

SOBOCZYNISKI, Andrzej

Further observations on the effect of antibiotics on laryngeal
papillomas in children. Otolaryng. pol. 17 no.1:21-27 '63.

l. Z Kliniki Otolaryngologicznej AM w Poznaniu Kierownik
Kliniki: prof. dr A. Zakrzewski i z Zakladu Mikrobiologii AM
w Poznaniu Kierownik: prof. dr J. Adamski.
(PAPILLOMA) (LARYNX) (CHLORTETRACYCLINE)
(OXYTETRACYCLINE)

SOBOCZYNSKI, Andrzej; CHMIELOWA, Maria

Osteomyelitis of the maxilla in an infant. Pediat. pol. 38
no. 7:671-674 Jl '63.

1. Z II Kliniki Chorob Dzieci AM w Poznaniu Kierownik: prof.
dr med. O. Szczepski.
(OSTEOMYELITIS) (MAXILLA)

SOBOCZYNISKI, Andrzej

Role of local temperature measurements in the diagnosis of
acute otitis media in infants and children. Pediat. pol. 39
no.1:39-44 Ja'64

1. Z II Kliniki Chorob Dzieci AM w Poznaniu (Kierownik: prof.
dr. med. O.Szczepski) i z Poradni Pediatrycznej WPS w Poznaniu
(Kierownik Poradni: dr. med. J.Nowicka.)

*

SOBCHYNSKI, Andrzej; BUDROPSKA, Wanda

Effect of the extirpation of palatal tonsils in children on the reaction of indirect consumption of antiglobulin serum. Part I.
Otolaryng. Pol. 19 no.3:309-312 '65.

1. z II Kliniki Chorob Dzieci AM w Poznaniu (Kierownik: prof. dr. med. C. Szczępski) i z III Kliniki Chorob Wewnętrznych AM w Poznaniu (Kierownik: prof. dr. med. K. Wysocki).

SOBOCZYNSKI, Edward (Bydgoszcz, Al. i. Maja 27)

Clinical significance of the ear in infant. Otolar. polska 8
no.4:289-294 1954.

l. Z Oddzialu Otolaryngologicznego Wojewodzkiego Szpitala
Dziecięcego w Bydgoszczy.

(EAR, pathology,
in etiol. of inf. nutrition disord.)
(INFANT NUTRITION DISORDERS, etiology and pathogenesis,
ear dis.)

SOBOCZYNISKI, Edward.

Evaluation of atrophy of the inferior nasal concha as an accessory indication for tonsillectomy; preliminary communication.
Otolaryngologia Polska 9 no.3:243-245 1955.

1. Z Oddz. oto-laryng. Wojew. Szpitala Dziecięcego w Bydgoszczy.
(NASAL CAVITY, diseases,
atrophy of concha nasalis inferior, as indic. for
tonsillectomy)
(TONSILS, surgery,
in atrophy of concha nasalis inferior)

SOBOCZYNISKI, Edward

Antropuncture and antrostomy in infants. Otolar. polska 10 no.2:
159-162 1956.

I, Z Oddz. Otolaryngol. Szpitala Dzieciecego w Bydgoszczy
Ordynator: dr. E. Soboczynski.

(EAR, MIDDLE, surgery
antropuncture & antrostomy in inf., technics & evaluation
(Pol))

SOBOCZYNISKI, E.

Liquids sprayer for laryngological use. Otolar. polska 11 no.2:219
1957.

1. Z Oddz. Lar. Woj. Szpit. Dziec. w Bydgoszczy.
(OTORHINOLARYNGOLOGY, appar. & instruments
sprayer for laryngol. use (Pol))
(THROAT
sprayer (Pol))

SOBOCZYSKI, Edward

1. Intranasal opening of the maxillary sinuses in children.
Otolar.polska 14 no.2:251-254 '60.

1. Z Oddzialu Otolaryngologicznego Woj. Szpitala Dzieciecego w
Bydgoszczy, Kierownik: dr med. E.Soboczynski.
(SINUSITIS surg)

SOBOCZYNSKI, Edward

Maxillary osteomyelitis in infants. Otolaryngologia Polska 14 no.3:361-
367 '60.

l. Z Oddzialu Otolaryngologicznego Woj. Szp. Dzieciecego w
Bydgoszczy, Ordynator: dr med. E. Soboczynski.
(OSTEOMYELITIS in inf & child)
(MAXILLA dis)

SOBOCZYNSKI, Edward

Mastoiditis occulta. Otolaryng. pol. 16 no.3:541-547 '62.

l. z Oddzialu Otolaryngologicznego Wojewodzkiego Szpitala Dzieciecego
w Bydgoszczy.
(MASTOIDITIS) (DIARRHEA INFANTILE)

SARATEANU, D.; SURDAN, C.; SOBODOC, G.; FUHRER-ANAGNOSTE, B.; in colaborare
cu DUMA, D.; MARTA, M.; CUPSA, V.

Investigations of an ornithosis epizootic in canaries connected with
human cases. Stud. cercet. inframicrobiol. 12 no.3:347-351 '61.

1. Communicare przentata la Institutul de infromicrobiologie al
Academiei R.P.R. in sedinta din 5 mai 1961.
(ORNITHOSIS epidemiology)

ALTFATER, Zoltan; SOBODOS, Ana; BACANU, Maria, ing.; CALIN, Liviu.

Labor productivity in the light industry. Probleme econ 17 no.5:
161-162 My '64.

1. Director, "Industria Textila Ardeleana" Enterprise, Satu Mare
(for Altfater). 2. Chairman of the Trade-Union Committee, "Industria
Textila Ardeleana" Enterprise, Satu Mare (for Sobodos). 3. Director,
the "Suveica" Weaving Mill, Bucharest (for Bacanu). 4. Chief Engineer,
the "Suveica" Weaving Mill, Bucharest (for Calin).

STRIZHEVSKIY, I.I. [Stryzhevs'kyi, I.I.]; KORDYSH, Ye.I. [Kordysh, Ye.I.];
VORCNOVA, L.Ya.; MOKHOVA, V.S.; SOBODYR', S.G. [Sobodyr, S.H.];
SHLYAKHOVER, I.V.; ESTRIN, S.M.

Balloon filling with pyrolysis acetylene. Khim. prom. [Ukr] no.1
(MIRA 18x4)
69-71 Ja-Mr '65.

26

L 35439-65 EFF(c)/EDP(j)/EHA(c)/ENT(m) Po-L/Pr-4 21

S/0063/65/010/001/0108/0108

ACCESSION NR: AP5006845

AUTHOR: Strizhevskiy, I. I.; Kordysh, Ye. I.; Voronova, L. Ya; Mokhova, V. S.;
Shlyakhov, I. V.; Sobodyr', S. C.; Estrin, S. M.

TITLE: Filling of cylinders with acetylene made by pyrolysis

SOURCE: Vsesoyuznoye khimicheskoye obshchestvo. Zhurnal, v. 10, no.1, 1965, 108

TOPIC TAGS: acetylene pyrolysis, carbide based acetylene, propadiene, methyl
acetylene, diacetylene, divinyl, chromatographic column, acetylene cylinder,
organic solvent

ABSTRACT: Unlike acetylene made from carbide, acetylene made by pyrolysis con-
tains the following impurities: methyl acetylene, propadiene, divinyl, di-
acetylene, etc. The authors experimented with filling 40-liter cylinders with
of these impurities during the emptying of the cylinders. The nature of the distribution
had the following composition in %: C₂H₂ 98-99.2; CO₂ 0.1-0.2; O₂ 0.05-0.1;
propadiene 0.2-0.3; methyl acetylene 0.2-0.3; divinyl 0.01-0.03; vinyl acetylene
0.03-0.05; diacetylene 0.03-0.05. Prior to the experiments this acetylene was

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ACCESSION NR: AP5006845

subjected to a chromatographic analysis and to a ionization-flame detector test. In the course of experiments with discharging of acetylene from the cylinder at the rate of 0.5-0.6m³/hr in the presence of an ambient air temperature of 23°C it was found that, as the pressure decreased, the content of impurities in the acetylene emerging from the cylinder increased. With increasing temperature the amount of the residual impurities in the cylinder decreases markedly. Polymerization of the diacetylene in organic solvents is extremely slow, and the resulting polymers are non-explosive. The acetylene cylinder filled with the porous mass is a distinctive chromatographic column. Orig. art. has: 2 figures.

ASSOCIATION: Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza (State Institute of Nitrogen Industry and Products of Organic Synthesis)

SUBMITTED: 20May64

ENCL: 00

SUB CODE: OGGC

NO REF Sov: 004

OTHER: 002

Card 2/2

SOBOIEVA, R.G.; GAVRILOVA, B.K.

Study of synantrophic flies on one of the animal farms of the
southern Maritime Territory and their control. Scob. DVFAAN SSSR
no.18:107-112 '63. (MIRA 17:11)

1. Dal'nevostochnyy filial imeni Komarova Sibirsckogo otdeleniya AN
SSSR,

TUROWSKA, Bozena; SOBOL, Andrzej

Immunization of goats for the production of diagnostic sera capable
of agglutinating *Salmonella typhi* O, *Salmonella typhi* H and *Shigella*
flexneri. Med.dosw.mikrob. 13 no.3:279-284 '61.

1. Z Zakladu Preparatow Diagnostycznych Wytworni Surowic i Szczepionek
w Krakowie.

(IMMUNE SERUMS) (SALMONELLA TYPHOSEA immunol)
(SHIGELLA immunol)

DOLLAR, Barbara; SCHOL, Andrzej

Production of the Pyrogen stimulant drug. Farmacja Pol 19 no.11/12:
246-248 25 Je '63.

1. Wytwornia Surowic i Szczepionek, Krakow.

f

137-1957-12-23267

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 59 (USSR)

AUTHORS: Sobol', A. B., Andrianov, A. A.

TITLE: Operational Experience With the KU-60 Recovery Boilers at the Voroshilov Plant (Opyt raboty kotlov-utilizatorov KU-60 na zavode im. Voroshilova)

PERIODICAL: V sb.: Kotly-utilizatory martenovsk. pechey. Moscow, Metallurgizdat, 1957, pp 123-130

ABSTRACT: Following are the basic pre-requisites for reliable operation of recovery boilers (RB) operating with open-hearth furnaces: prevention of the formation of flakes, cleaning of the heating surfaces, and an adequate supply of feed water. In order to prevent the formation of flakes, special coke-gas operated burners are installed in the gas flue connecting the reversing devices with the RB. Two double burners ignite the unburned components contained in the waste gases, and thus prevent the formation of flakes entirely. Blasting with superheated steam did not prove efficient. The heating surfaces are effectively cleaned by washing with purified feed water at a 100° temperature and 25 atu pressure.

Card 1/2

137-1957-12-23267

Operational Experience With the KU-60 Recovery Boilers (cont.)

This procedure requires 20 min and is performed once or twice per shift. After 30 days the RB's are stopped and subjected to a thorough cleaning, an operation which requires 8-16 hrs. The capacity of the RB's varies from 3.1 t/hr, and the volume of the gases from 27,000 nm³/hr at a temperature of 450°, to 9.1 t/hr, and 700,000 nm³/hr respectively at a temperature of 500°. The cost of steam generated by the RB is 1.8 times cheaper than the steam produced at the plant's boiler-room.

Ye. N.

1. Boilers-Operation 2. Furnaces-Applications

Card 2/2

MAKSakov, V.G.; SOBOL', A.F., redaktor; VOLKHOVER, R.S., tekhnicheskiy
redaktor.

[Continuous repair system for narrow-gauge locomotives used in the
lumber industry] Tekushchii remont uzkokoleinykh parovozov v leso-
zagotovitel'noi promyshlennosti. Moskva, Goslesbumizdat, 1953. 63 p.
[Microfilm] (MLRA 7:12)
(Locomotives--Repairs)

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CIA-RDP86-00513R001651820006-2

GREBENYUK, P.T., kand. tekhn. nauk; SOBOL', A.F., inzh.

Conversion to automatic braking in narrow-gauge railroad rolling
stock. Vest. TSNII MPS 17 no.8-41-42 D '58. (MIRA 12:1)
(Railroads, Narrow-gauge--Brakes)

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